Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078609.D
Acq On : 17 Apr 2015 17:03
Operator : TP/IZ
Sample : PB82843BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82843BS

Manual Integrations APPROVED
apatel
4/20/2015 3:56:43 PM

Quant Time: Apr 18 05:23:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 18 05:04:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	46831	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	191104	20.00	ng		0.00
38) Acenaphthene-d10	10.41	164	100452	20.00	ng		0.00
63) Phenanthrene-d10	12.22	188	201057	20.00	ng		0.00
75) Chrysene-d12	15.46	240	215596	20.00	ng		0.00
86) Perylene-d12	17.17	264	216217	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	263189	92.66	ng		0.00
7) Phenol-d6	6.28	99	332510	93.41	ng		0.00
23) Nitrobenzene-d5	7.38	82	196741	62.40	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	91916	110.33	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	416594	59.28	ng		0.00
78) Terphenyl-d14	14.21	244	520605	54.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.48	88	28378m	22.09	ng		
3) Pyridine	2.01	79	87179	25.91	ng		97
4) n-Nitrosodimethylamine	1.96	42	35833m	27.67	ng		
6) Aniline	6.26	93	87078	17.25	ng	#	87
8) 2-Chlorophenol	6.41	128	97760	29.11	ng		92
9) Benzaldehyde	6.11	77	16647	7.06	ng		99
10) Phenol	6.30	94	118173	27.71	ng		91
11) bis(2-Chloroethyl)ether	6.39	93	86194	28.10	ng		98
12) 1,3-Dichlorobenzene	6.59	146	101735	27.58	ng	#	92
13) 1,4-Dichlorobenzene	6.70	146	102280	27.54	ng		97
14) 1,2-Dichlorobenzene	6.88	146	96730	27.78	ng		95
15) Benzyl Alcohol	6.88	79	78161	31.25	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	116546	28.49	ng		82
17) 2-Methylphenol	7.05	107	78000	29.91	ng		96
18) Hexachloroethane	7.29	117	36010	28.76	ng	#	86
19) n-Nitroso-di-n-propylamine	7.22	70	68689	29.25	ng		92
20) 3+4-Methylphenols	7.24	107	104777	30.12	ng		98
22) Acetophenone	7.20	105	133717	30.03	ng	#	91
24) Nitrobenzene	7.40	77	98373	29.85	ng		89
25) Isophorone	7.71	82	175724	29.37	ng		99
26) 2-Nitrophenol	7.79	139	47841	30.46	ng	#	79
27) 2,4-Dimethylphenol	7.90	122	87523	29.97	ng		99
28) bis(2-Chloroethoxy)methane	8.01	93	109127	28.44	ng		99
29) 2,4-Dichlorophenol	8.10	162	82023	30.87	ng		89
30) 1,2,4-Trichlorobenzene	8.19	180	86861	28.51	ng		98
31) Naphthalene	8.27	128	273513	27.50	ng		99
32) Benzoic acid	8.04	122	50994	38.44	ng		93
33) 4-Chloroaniline	8.38	127	73789	17.88	ng		97
34) Hexachlorobutadiene	8.44	225	47591	28.45	ng		99
35) Caprolactam	8.81	113	26509m	33.42	ng		
36) 4-Chloro-3-methylphenol	9.00	107	85924	32.05	ng		93
37) 2-Methylnaphthalene	9.13	142	192085	28.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.35	216	84206	27.05	ng		98
40) Hexachlorocyclopentadiene	9.32	237	72048	56.01	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.51	196	56963	29.02	ng		96
43) 2,4,5-Trichlorophenol	9.55	196	62046	30.26	ng	#	89
45) 1,1'-Biphenyl	9.72	154	228270	27.78	ng		100
46) 2-Chloronaphthalene	9.74	162	181016	28.00	ng		94
47) 2-Nitroaniline	9.87	65	49164	30.74	ng		93
48) Acenaphthylene	10.23	152	289127	27.70	ng		99
49) Dimethylphthalate	10.12	163	225109	29.83	ng		98
50) 2,6-Dinitrotoluene	10.19	165	48712	31.37	ng	#	76
51) Acenaphthene	10.44	154	169135	28.78	ng		100
52) 3-Nitroaniline	10.39	138	40000	22.66	ng		93
53) 2,4-Dinitrophenol	10.52	184	39101	69.42	ng	#	79
54) Dibenzofuran	10.66	168	274753	30.61	ng		98
55) 4-Nitrophenol	10.64	139	88929m	68.81	ng		
56) 2,4-Dinitrotoluene	10.68	165	68630	34.13	ng		96
57) Fluorene	11.08	166	224788	30.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.82	232	47654	31.34	ng		98
59) Diethylphthalate	10.99	149	230630	31.69	ng		99
60) 4-Chlorophenyl-phenylether	11.10	204	97061	28.99	ng	#	77
61) 4-Nitroaniline	11.13	138	47256	26.48	ng		90
62) Azobenzene	11.29	77	229311	34.53	ng		95
64) 4,6-Dinitro-2-methylphenol	11.18	198	30497	33.67	ng		91
65) n-Nitrosodiphenylamine	11.26	169	196162	28.21	ng		99
66) 4-Bromophenyl-phenylether	11.69	248	61292	28.79	ng		93
67) Hexachlorobenzene	11.75	284	67042	28.73	ng	#	93
68) Atrazine	11.93	200	63820	31.68	ng		94
69) Pentachlorophenol	12.00	266	60776	60.80	ng		99
70) Phenanthrene	12.25	178	333218	28.65	ng		100
71) Anthracene	12.31	178	327322	28.56	ng		99
72) Carbazole	12.53	167	318678	29.67	ng		99
73) Di-n-butylphthalate	13.01	149	413443	33.98	ng		100
74) Fluoranthene	13.70	202	366361	29.87	ng		96
76) Benzidine	13.91	184	192859	23.23	ng		98
77) Pyrene	13.98	202	385631	28.49	ng		98
79) Butylbenzylphthalate	14.83	149	180648	35.02	ng		94
80) Benzo(a)anthracene	15.45	228	368442	28.72	ng		99
81) 3,3'-Dichlorobenzidine	15.45	252	88131	20.51	ng	#	99
82) Chrysene	15.50	228	347331	28.82	ng		100
83) Bis(2-ethylhexyl)phthalate	15.57	149	280004	34.61	ng		98
84) Di-n-octyl phthalate	16.34	149	485472	36.54	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.35	276	411495	30.09	ng	#	87
87) Benzo(b)fluoranthene	16.73	252	430747	32.23	ng	#	97
88) Benzo(k)fluoranthene	16.77	252	293930m	24.75	ng		
89) Benzo(a)pyrene	17.11	252	361351	30.98	ng		99
90) Dibenzo(a,h)anthracene	18.38	278	334604	28.66	ng		97
91) Benzo(g,h,i)perylene	18.69	276	333565	28.49	ng		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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